

HIGICC February 2018 Newsletter



## NEWSLETTER / February 2018

## 2018 Hawaii STEM Conference

Women In Technology STEMworks™ is pleased to announce the 2018 Hawaii STEM Conference on April 10-11, 2018 at the Hawaii Convention Center on Oahu, Hawaii. This two-day regional technology conference serves 1000 middle and high school students and 300 teachers. The students are part of our STEMworks™ labs that are located in twenty-nine schools across the state of Hawaii. The Hawaii STEM Conference provides our STEMworks™ students the opportunity to showcase their service-learning STEM projects, network with other students and industry professionals, compete in competitions, attend hands-on STEM sessions, and much more. We also provide a professional development track for teachers. The Hawaii STEM Conference provides students and teachers the opportunity to receive training in cutting-edge software/tools and be exposed to new STEM fields and career opportunities. Past conference breakout sessions: Photoshop, After Effects, Gaming, Coding, Engineering Design using CAD, Voyaging, GIS/GPS, Mapping, UAV's, Conservation, and Photography. For a complete list and past agendas, please visit: [www.HawaiiSTEMConference.com](http://www.HawaiiSTEMConference.com).

The Hawaii STEM Conference would not be possible without our valued industry partners who dedicate their time, expertise and knowledge to help inspire the next generation of STEM professionals. We greatly appreciate your support!

We are excited to invite industry professionals to participate in our STEM Career “5x5” session on **Tuesday, April 10, 2018!**

**Question:** What *is* the **5x5 Session**?

**Answer:** The “**5x5 Session**” is a high energy networking session that offers students a unique opportunity to ask you about your personal experiences, career and college pathways, and much more are explored during this engaging event. It's a platform designed for middle and high school students across the state to engage with you for **5** minutes of **5** rounds. You will be joined in with both local and national STEM industry professionals to inspire students. This **5x5 Session** is incredibly popular among the students to gain interest in the STEM fields.

Many of the questions commonly asked are: What type of education do you have? What is the coolest project you have worked on? What do you enjoy most about your job? What made you choose your career? Etc.

**Register online at:**

<https://5x5histem2018.eventbrite.com>

[Download Flyer](#)

For more event information about this session contact Lalaine Pasion at [lalaine@medb.org](mailto:lalaine@medb.org) or at [808.875.2341](tel:808.875.2341)

## **Another Fun and Successful GIS Day 2017**

The HIGICC in collaboration with the Women in Technology team and NOAA hosted the 2017 GIS Day event. Held at NOAA's Daniel Inouye Center on Ford Island. The fabulous NOAA venue was again a great place to hold the event. Attendance was well over 100 students from 5 different schools. In addition to fun It is really important to get the students out to such a professional venue as NOAAs center, which is rich in resources. The event was broken into many different activities so the students were able to learn and experience a lot. While a GIS event, science and other technologies such as UAVs were highlighted as well. Thanks to the many volunteers that came to share their knowledge and time with the students. If you have not had the opportunity to participate in GIS Day, try it next November, it is a lot of fun.



## PLACES (Place-based Learning And Community Engagement in Schools)

HIGICC members were invited by PLACES (Place-based Learning And Community Engagement in Schools) to share GIS technology at the STEAM (Science, Technology, Engineering, Art, Mathematics) Fair at Nanakuli High and Intermediate School on January 30<sup>th</sup>. Hundreds of students enjoyed exploring ESRI StoryMaps and NOAA's 3D Landslide Map of Hawai'i.





### **Renewable EnerGIS Online Mapping Tool**

The State of Hawaii has unveiled an updated version of its Renewable EnerGIS online mapping tool that will make it easier for land owners, developers, residents and policy makers to assess the renewable energy potential of sites statewide as Hawaii moves ahead with its clean energy transformation.

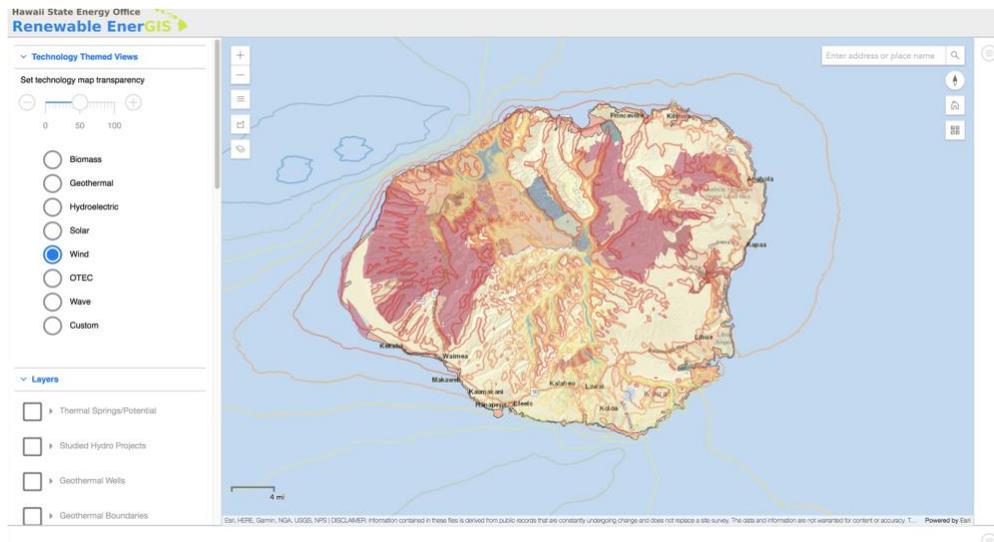
The new Renewable EnerGIS tool may be found at:

at: <http://energy.hawaii.gov/resources/renewable-energis-map>

The new tool was developed by the Onyx Group under a contract with the Hawaii State Energy Office (HSEO) with the support of the Hawaii Statewide Geographic Information Systems (GIS) Program in the Office of Planning. It includes a number of improvements over the original platform launched in 2012 by HSEO. EnerGIS helps users make “first cut” site decisions to determine whether a particular site may be suitable for a renewable energy project. Based on publicly available data from the Hawaii Statewide GIS Program, the new Renewable EnerGIS tool allows users at a glance to compare sites based on criteria such as

energy resources, rainfall, slope, soil characteristics, land use classification, zoning and critical habitats.

Renewable EnerGIS is designed to be user-friendly without the need for special skills, software or experience. A key feature of the upgrade is a new “attribute query” search function that allows users to enter up to 10 criteria to fine tune their search. Users also can research specific sites by entering a tax map key or site address or by selecting sites from a map.



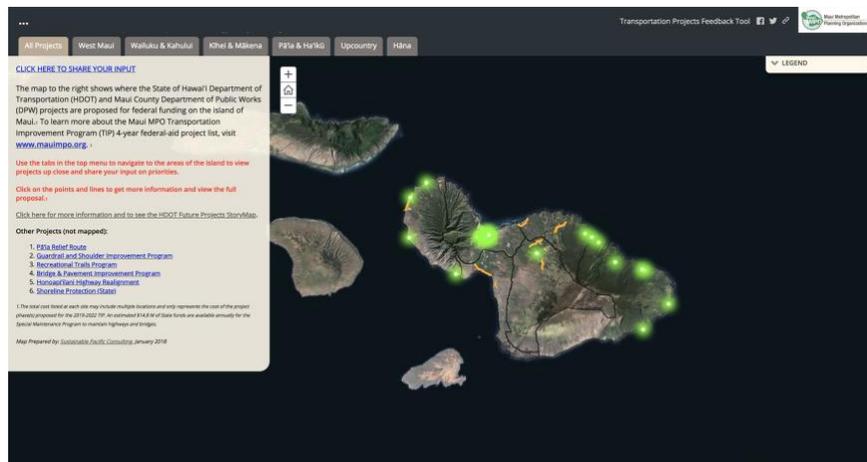
## [New Transportation Feedback Map tool for proposed Maui Transportation Projects](#)

Transportation planning is underway for highway and transit projects proposed for federal funding on Maui in the Transportation Improvement Program (TIP) FFY 2019-2022. All projects are eligible for federal funding, consistent with the Long Range Transportation Plan, and are top priorities from County and State asset management systems.

[The Maui Metropolitan Planning Organization](#) (MPO) worked with Hawaii-based firm, Sustainable Pacific Consulting to create an online Interactive [Project Map](#) and the [Public Survey](#) for this project in order to make public feedback

more interactive. The online map allows the user to explore each project and its

proposed costs and project history. Submissions to the public survey help the Maui MPO narrow down the project list from \$170 million to a target of \$124 million in federal-aid projects. The Maui MPO Technical Advisory Committee and Policy Board will consider responses as they develop a financially constrained TIP by June 2018.



## [Job Announcements](#)

Find links to current job announcements below.

<https://higicc.org/employment>

## [Sponsors](#)

Mahalo to our sponsors. For sponsorship info [click here](#).



